FIGURE 1

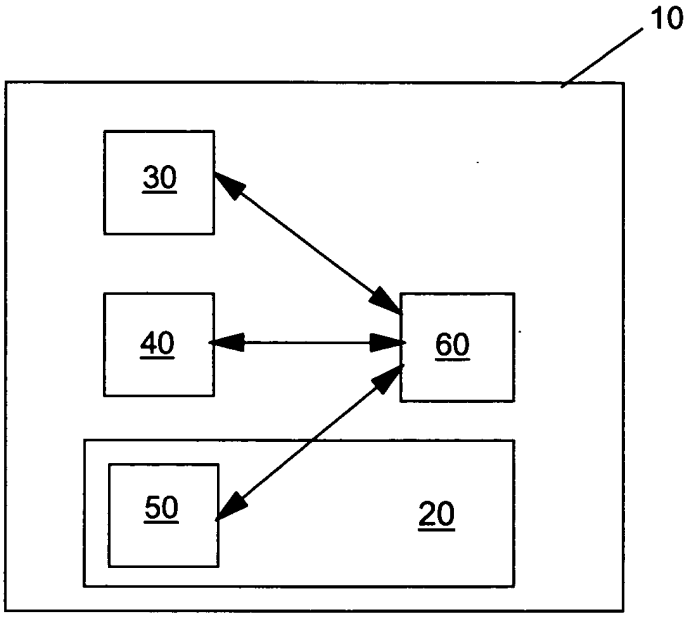


FIGURE 2

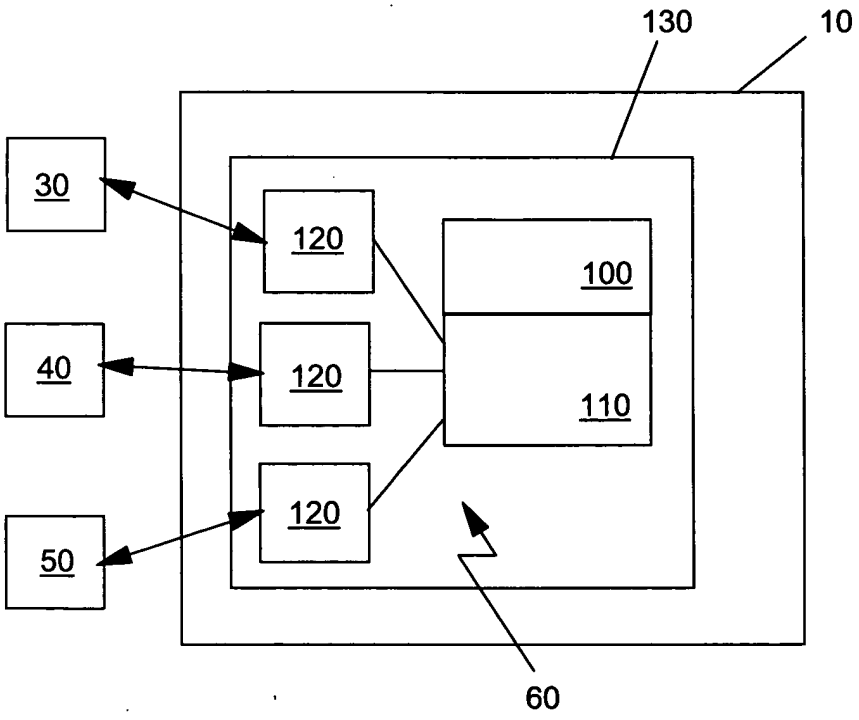


FIGURE 3

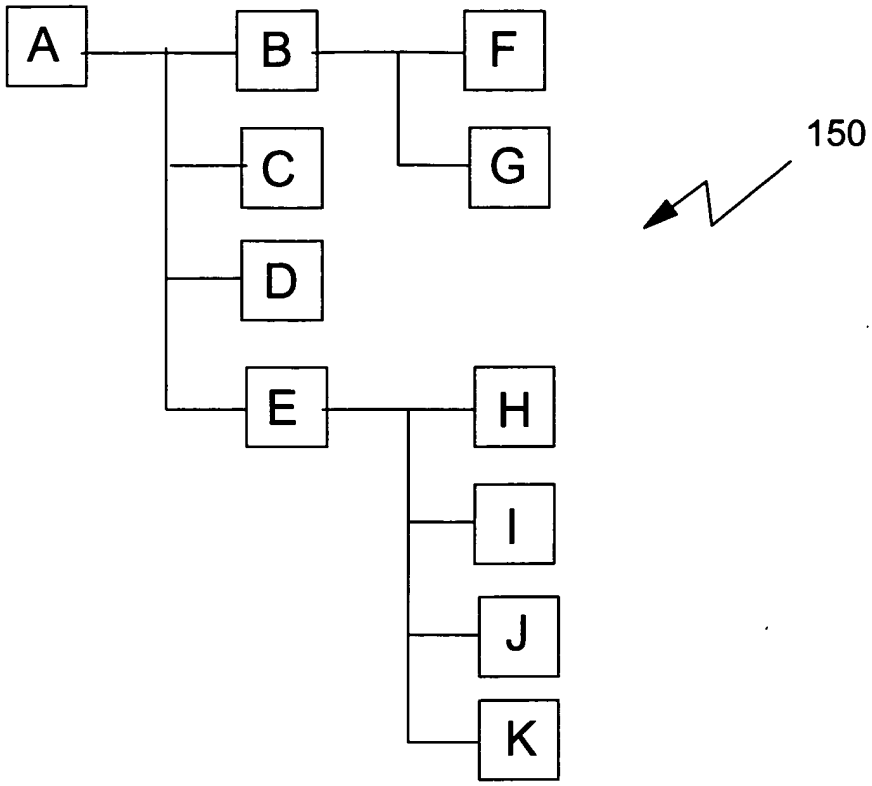


FIGURE 4

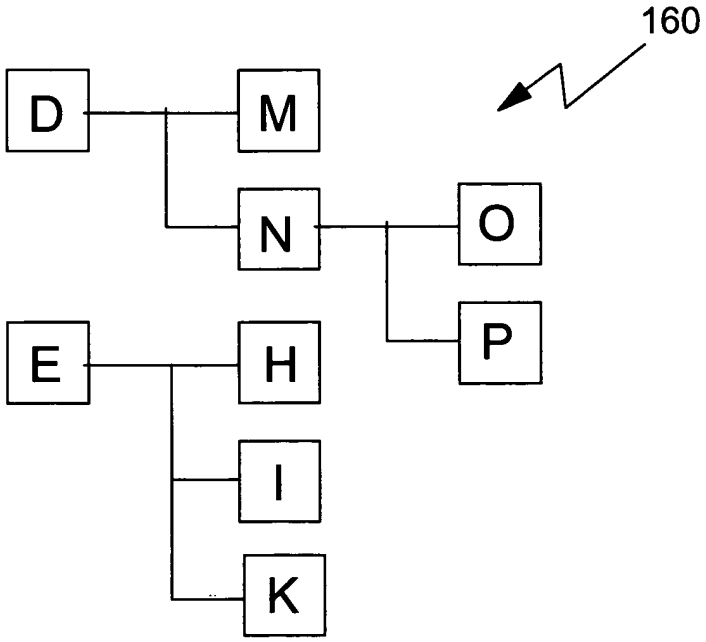


FIGURE 5

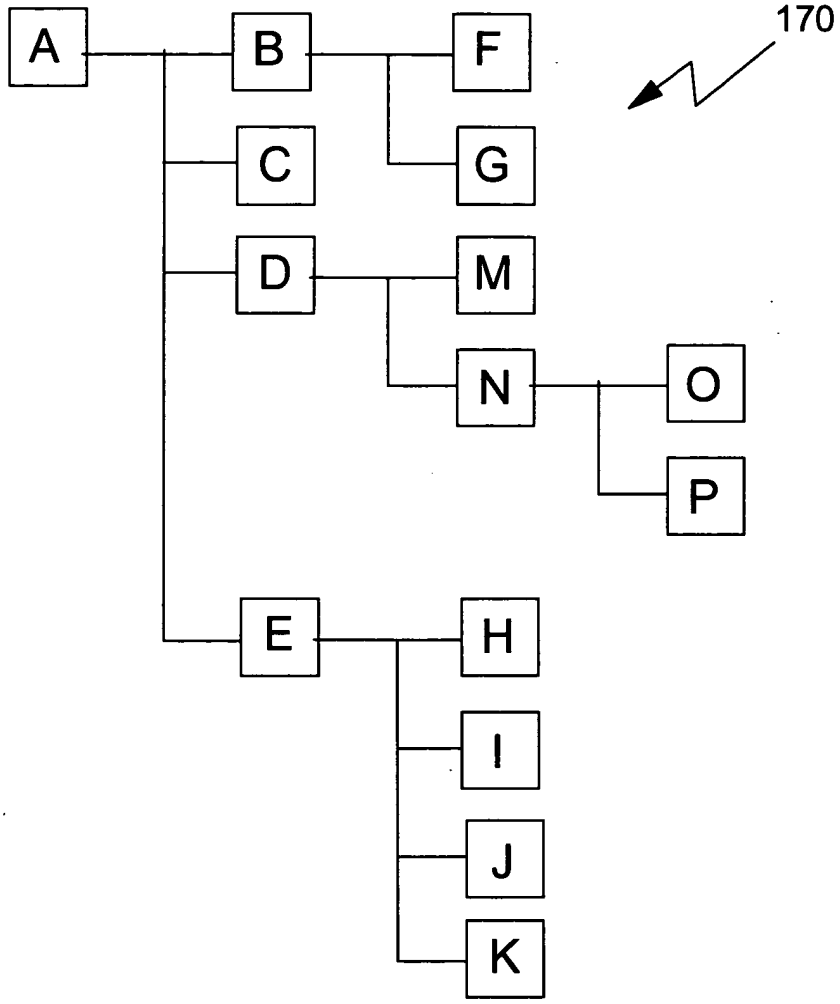


FIGURE 6A

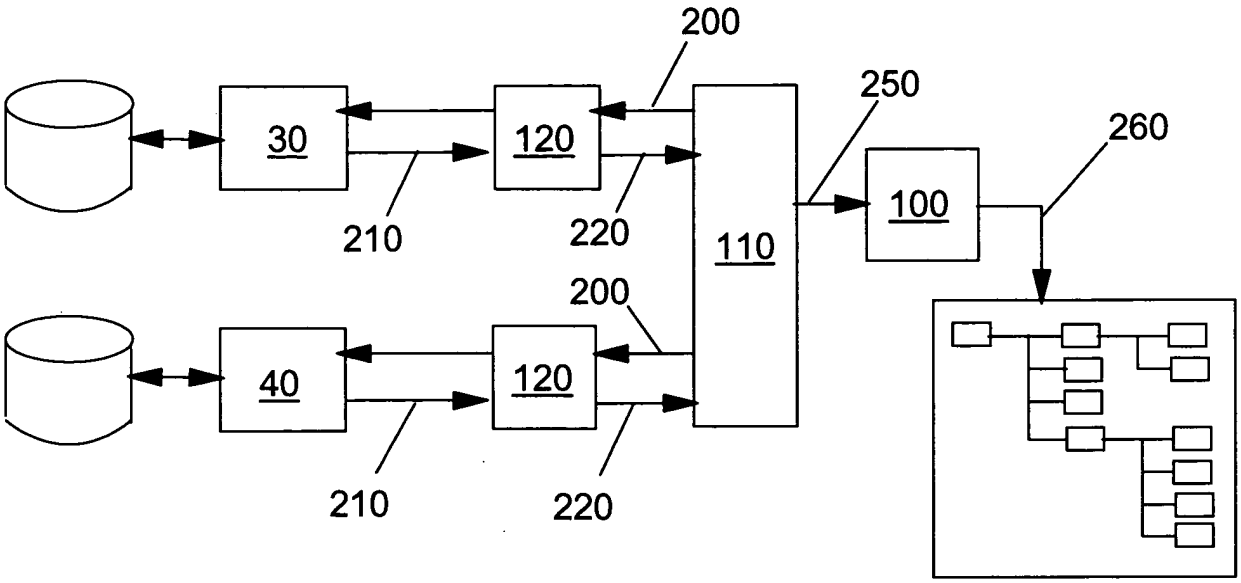


FIGURE 6B

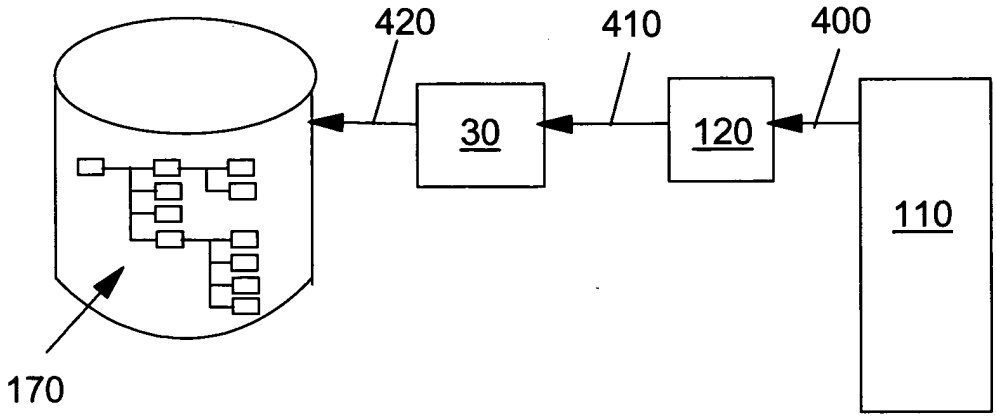


FIGURE 7

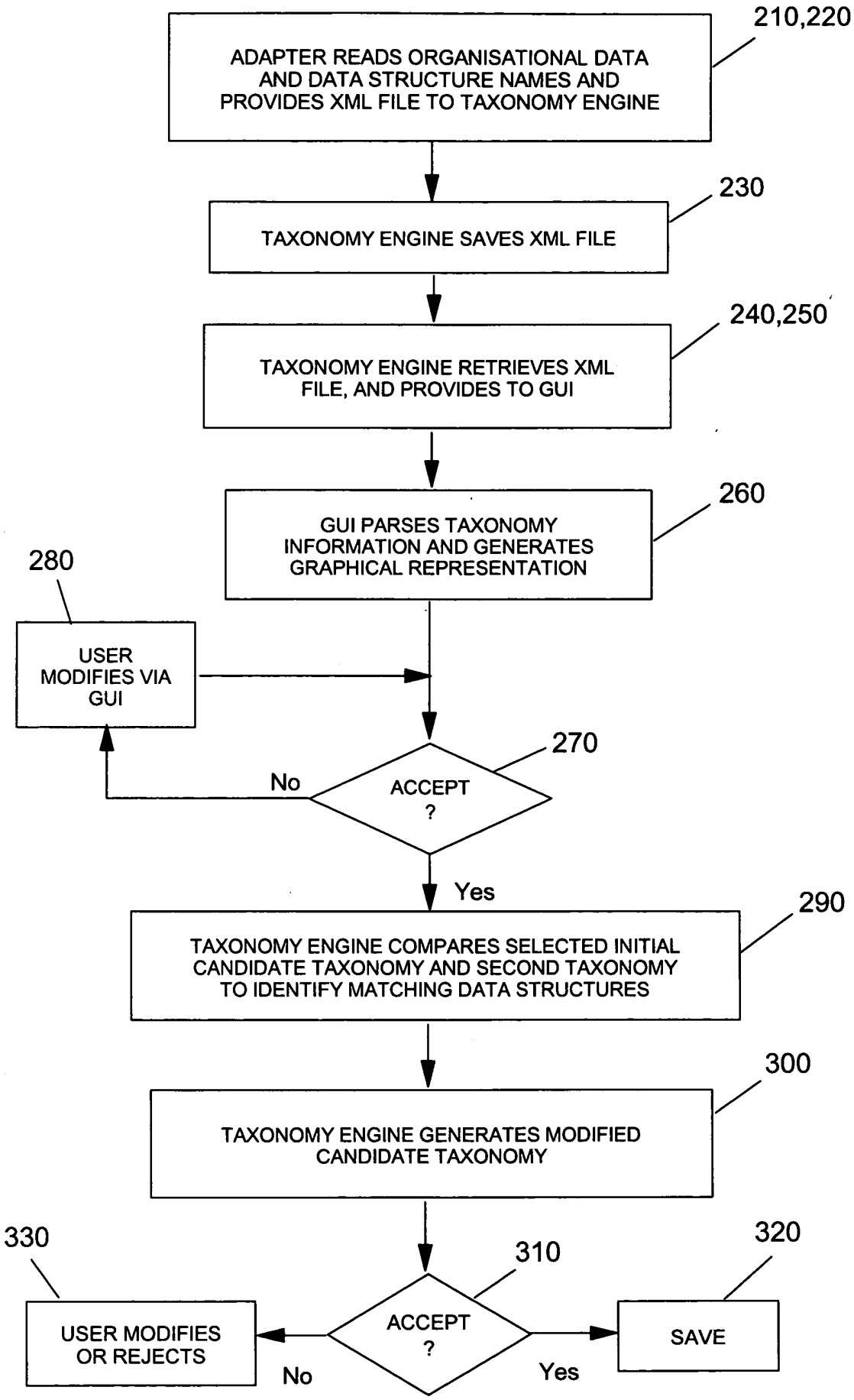
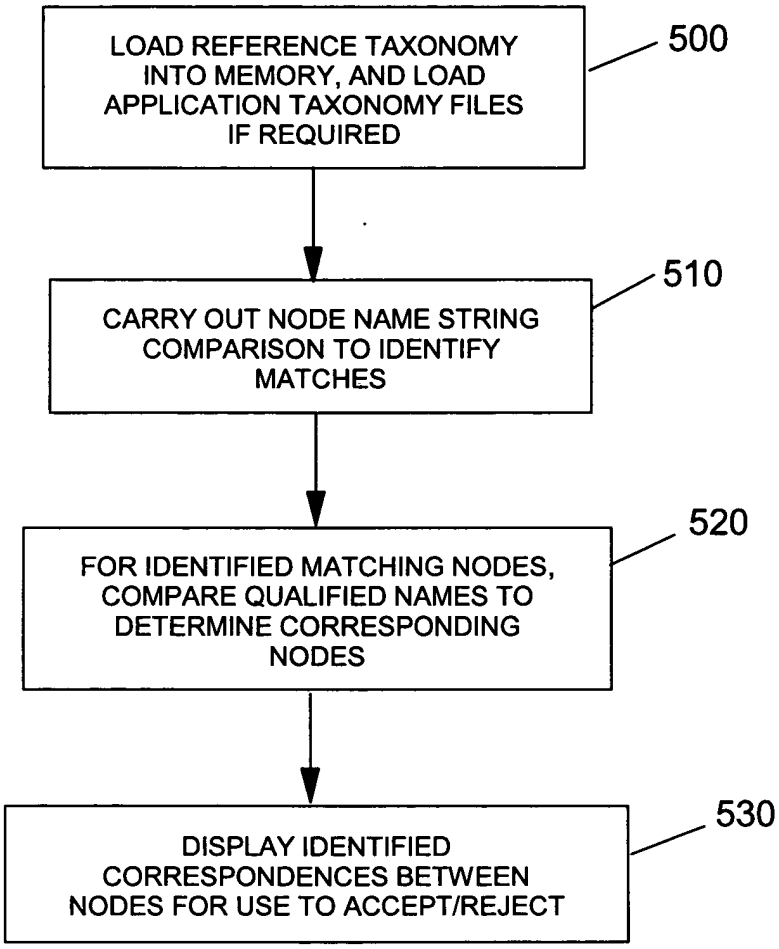

ADAPTER READS ORGANISATIONAL DATA AND DATA STRUCTURE NAMES AND PROVIDES XML FILE TO TAXONOMY ENGINE
210,220
TAXONOMY ENGINE SAVES XML FILE
230
TAXONOMY ENGINE RETRIEVES XML FILE, AND PROVIDES TO GUI
240,250
GUI PARSES TAXONOMY INFORMATION AND GENERATES GRAPHICAL REPRESENTATION
260
280
USER MODIFIES VIA GUI
ACCEPT ?
270
No
Yes
TAXONOMY ENGINE COMPARES SELECTED INITIAL CANDIDATE TAXONOMY AND SECOND TAXONOMY TO IDENTIFY MATCHING DATA STRUCTURES
290
TAXONOMY ENGINE GENERATES MODIFIED CANDIDATE TAXONOMY
300
330
USER MODIFIES OR REJECTS
ACCEPT ?
310
320
SAVE
No
Yes

FIGURE 8


LOAD REFERENCE TAXONOMY INTO MEMORY, AND LOAD APPLICATION TAXONOMY FILES IF REQUIRED
500
CARRY OUT NODE NAME STRING COMPARISON TO IDENTIFY MATCHES
510
FOR IDENTIFIED MATCHING NODES, COMPARE QUALIFIED NAMES TO DETERMINE CORRESPONDING NODES
520
DISPLAY IDENTIFIED CORRESPONDENCES BETWEEN NODES FOR USE TO ACCEPT/REJECT
530

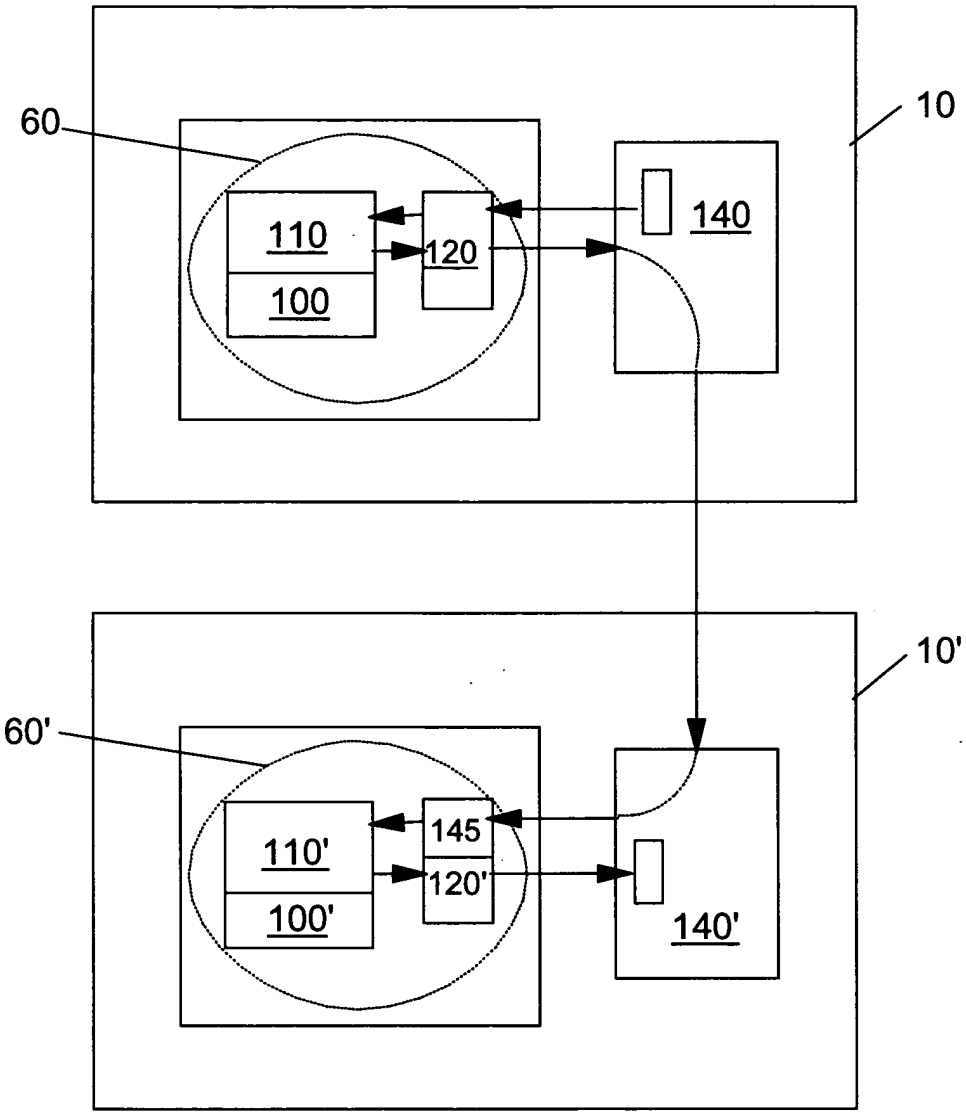



FIGURE 9